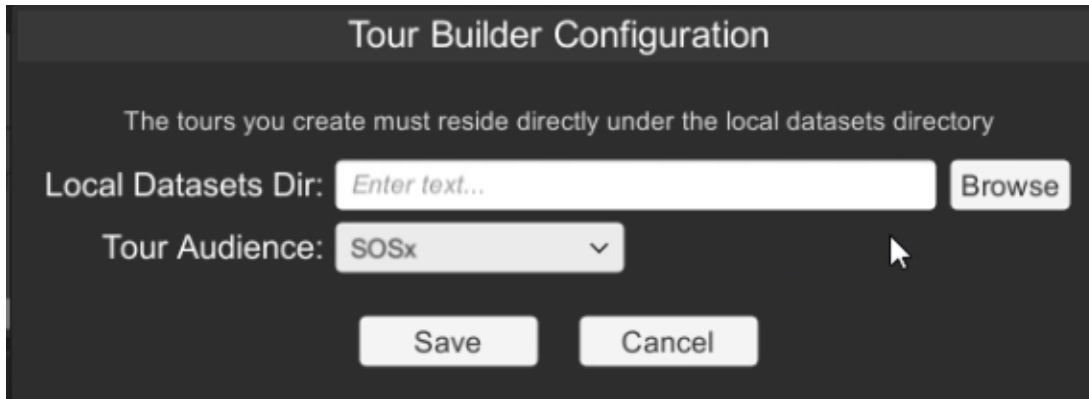


## Tour Builder Quick Overview

Tours are scripted presentations (similar in concept to power point presentations) that run on SOSx and take a user through the datasets and can include a storyline. Tours often include text, images, guiding questions, pop-up web content, videos, and click-able place marks, audio, pausing for user input, etc.

To configure Tour Builder, access this from the File Menu:

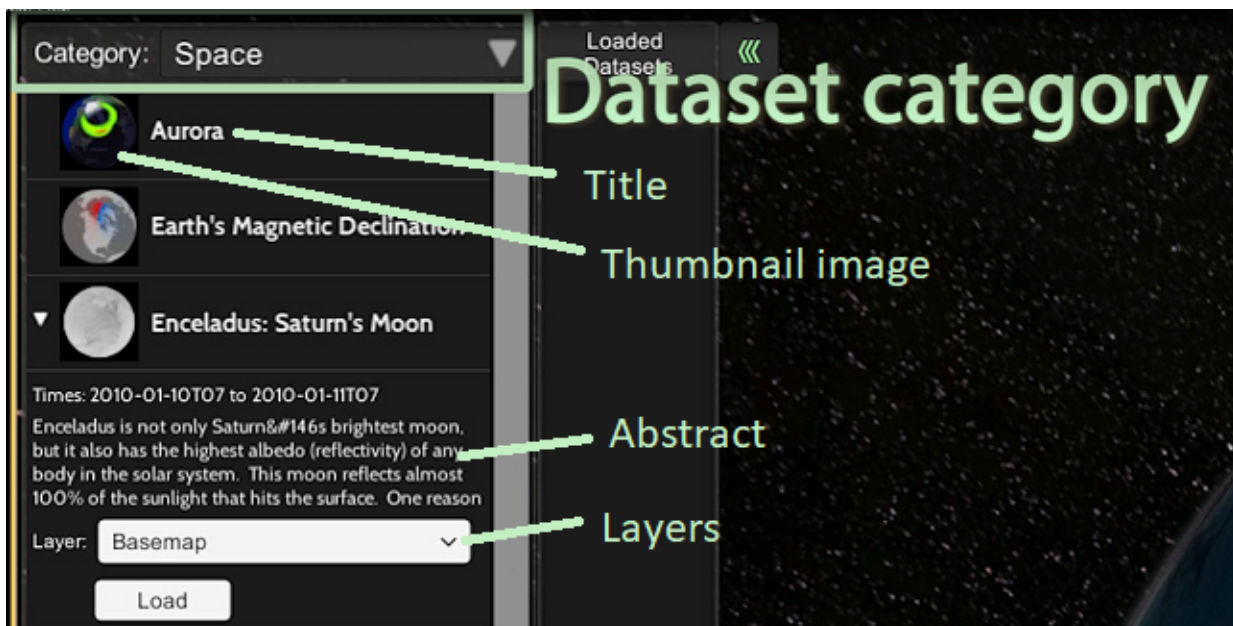


Choose a local datasets directory (the location where your sosx datasets reside). Click the browse button to pop up a window that enables you to navigate to the directory containing your datasets.

Most users should set the tour audience to "SOSx".

## What are Datasets?

SOSx datasets appear in the search window on the left side of SOSx. A dataset can be a series of images wrapped around the globe, a KML file, a satellite orbiting the Earth, etc. Users can choose a dataset category and select a dataset to load. Datasets have a category, a thumbnail, and a title:



## Dataset Editor

Tour Builder enables you to create your own datasets. From the Tools Menu, you can create a new dataset or open/edit an existing one. Here's the aurora dataset open in the Dataset Editor:

If the dataset is a series of images, set the start time and end time to match your image files. For example, this aurora dataset runs from Sept 30, 2012 at noon until October 1, 2012 at 11:35 am:

The Dataset Editor interface is shown with the following fields and values:

- Dataset File Path:** E:\local-datasets\sosx-media\astronomy\aurora\dataset.json (with a Browse button)
- Website URL:** http://sos.noaa.gov/Datasets/sosx\_dataset\_info.html?id=379
- Title:** Aurora
- Organization:** ACE Satellite, Ovation model
- Abstract:** <h3>Aurora:</h3> <p>Galileo first used the term to describe the light. Aurora is the Roman goddess of dawn.</p> <h3>Borealis:</h3> <p>The Greek name for the north wind (Boreas). In the southern
- Thumbnail File:** thumbnail\_small.jpg (with a Browse button)
- Legend File:** (with a Browse button)
- North:** 90 **South:** -90 **West:** -180 **East:** 180
- Start Time:** 2012-09-30T12:00:00 **End Time:** 2012-10-01T11:35:00 (These two fields are highlighted with a green box)
- Examples include:** '2012-01-01' and '2016-01-01T12:00:00' (with a Browse button)
- Format:** image/dds (dropdown menu)
- Visible In Search Window?** ☒

Below the form, there are tabs for Categories, Time Sequence, Tiles, Layers, Probing, and Other. The Categories tab is active, showing five categories (Category 1 to Category 5) with dropdown menus and 'New' buttons. Category 1 is set to 'Space'.

At the bottom, there are 'Save' and 'Cancel' buttons.

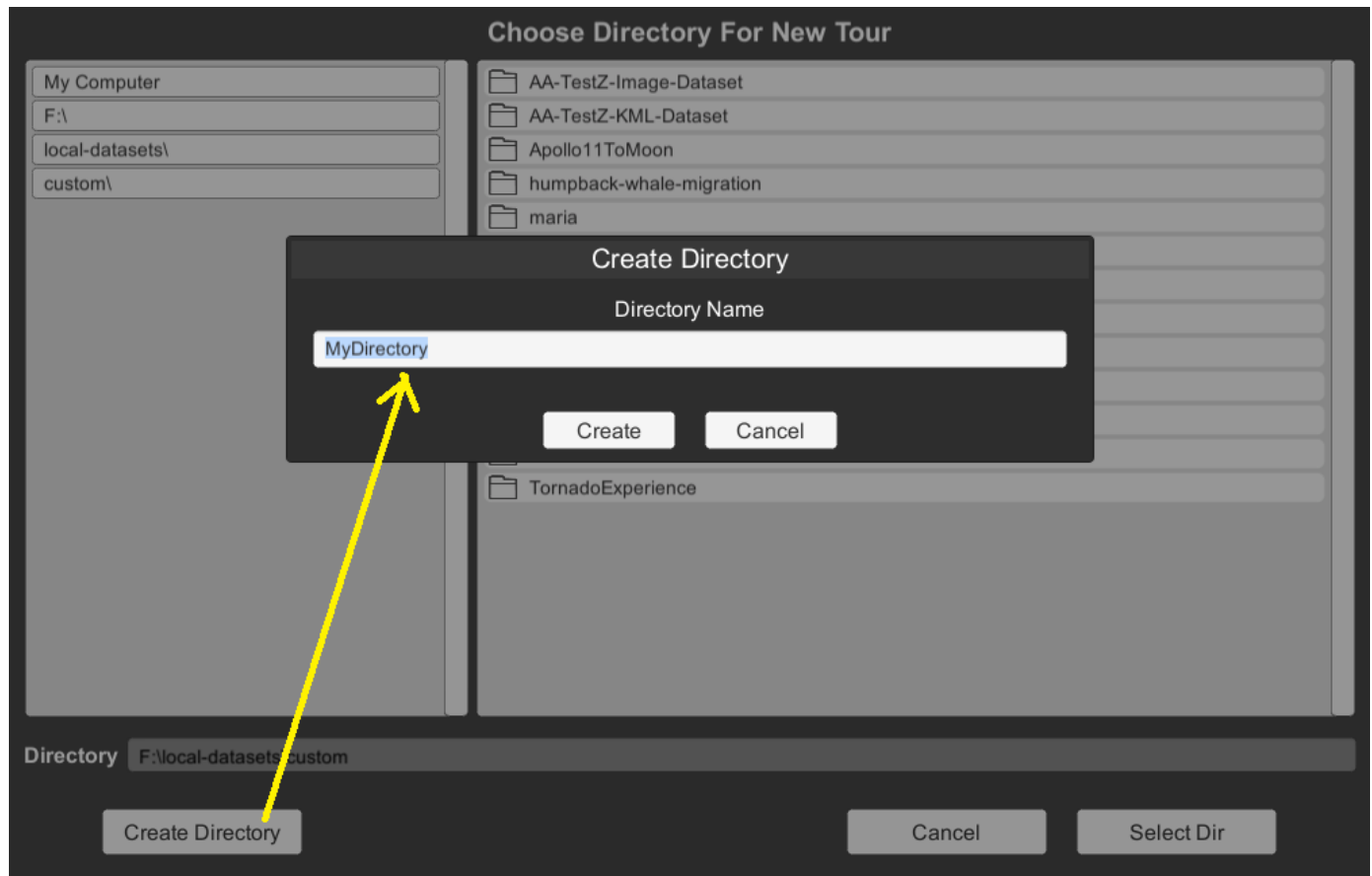
The image format should be "image/dds". If your images are not already in dds format, go to the Tools Menu / DDS Converter to convert your .png or .jpg images into .dds format.

For detailed information about creating a dataset, see the tutorial video entitle "Tour Builder: Introduction to Dataset Editor" at <https://sos.noaa.gov/sos-explorer/sos-explorer-manuals-and-tutorials/>

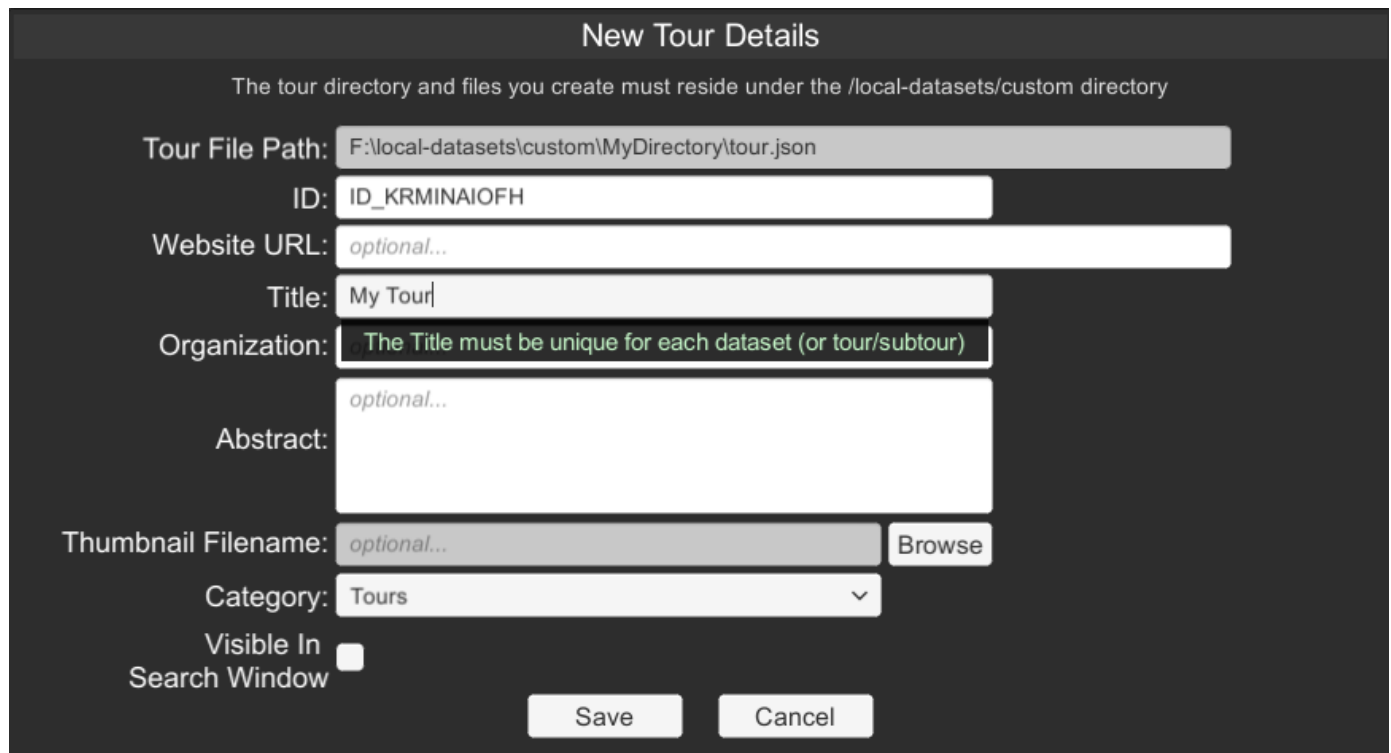
## Create New Tour

A tour is a list of “tasks” to perform, in sequence. For example, a tour might turn off clouds, turn on world borders, load an aurora dataset, then display a text box with information about auroras. That could be a complete, but simple, tour.

To create a new tour in Tour Builder, go to the File Menu, New Tour. You will be prompted for the directory for your new tour. Tour Builder will default to the <local-datasets>/custom directory. Click the “Create Directory” button to create a directory for your new tour.



Next, you will be prompted to provide other information (metadata) about your tour:



The tour directory and files you create must reside under the /local-datasets/custom directory

Tour File Path: F:\local-datasets\custom\MyDirectory\tour.json

ID: ID\_KRMINAIOFH

Website URL: optional...

Title: My Tour

Organization: The Title must be unique for each dataset (or tour/subtour)

Abstract: optional...

Thumbnail Filename: optional... Browse

Category: Tours

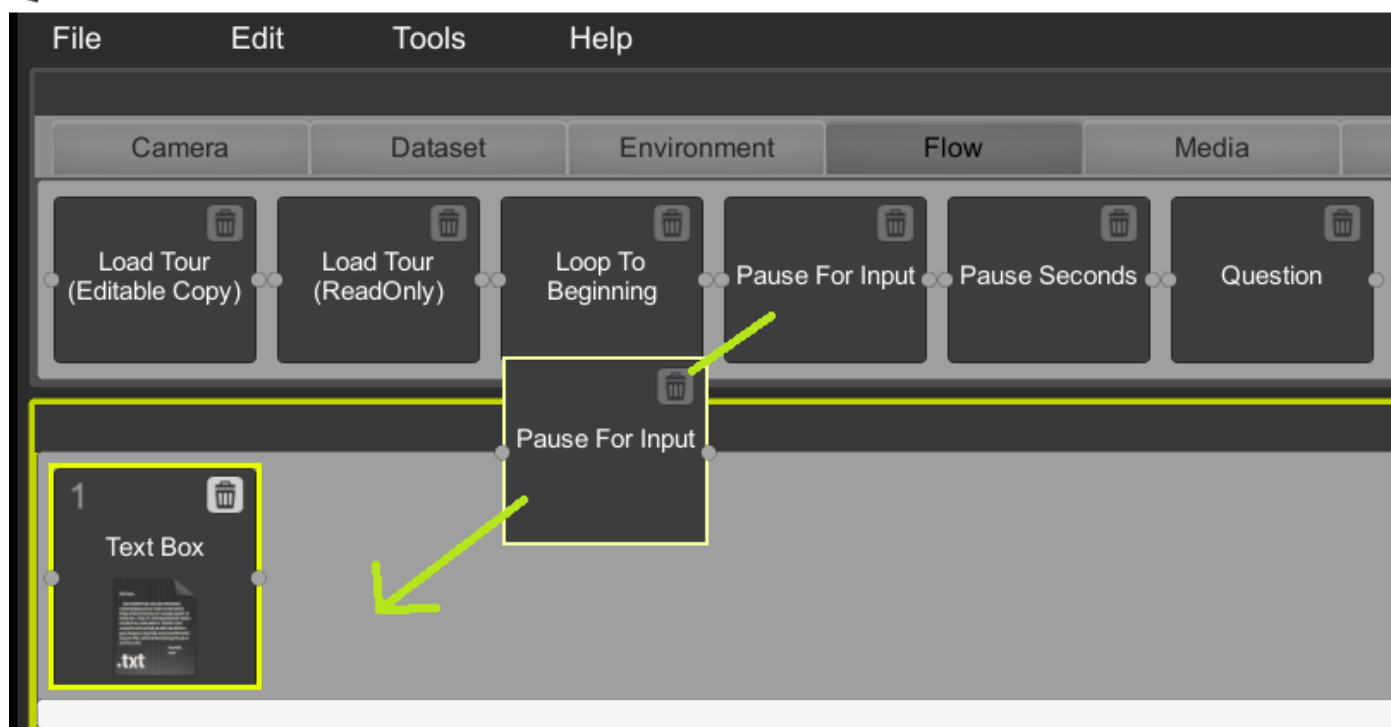
Visible In Search Window ☐

Save Cancel

You must provide a category and a title. Other fields are optional but recommended. You can return to this window later on by selecting File Menu → Edit Tour Details.

Once your tour is created, you can drag tasks from the top horizontal bar onto the “main tour timeline”. For example, here I am dragging the Pause For Input task onto the timeline.

TourBuilder




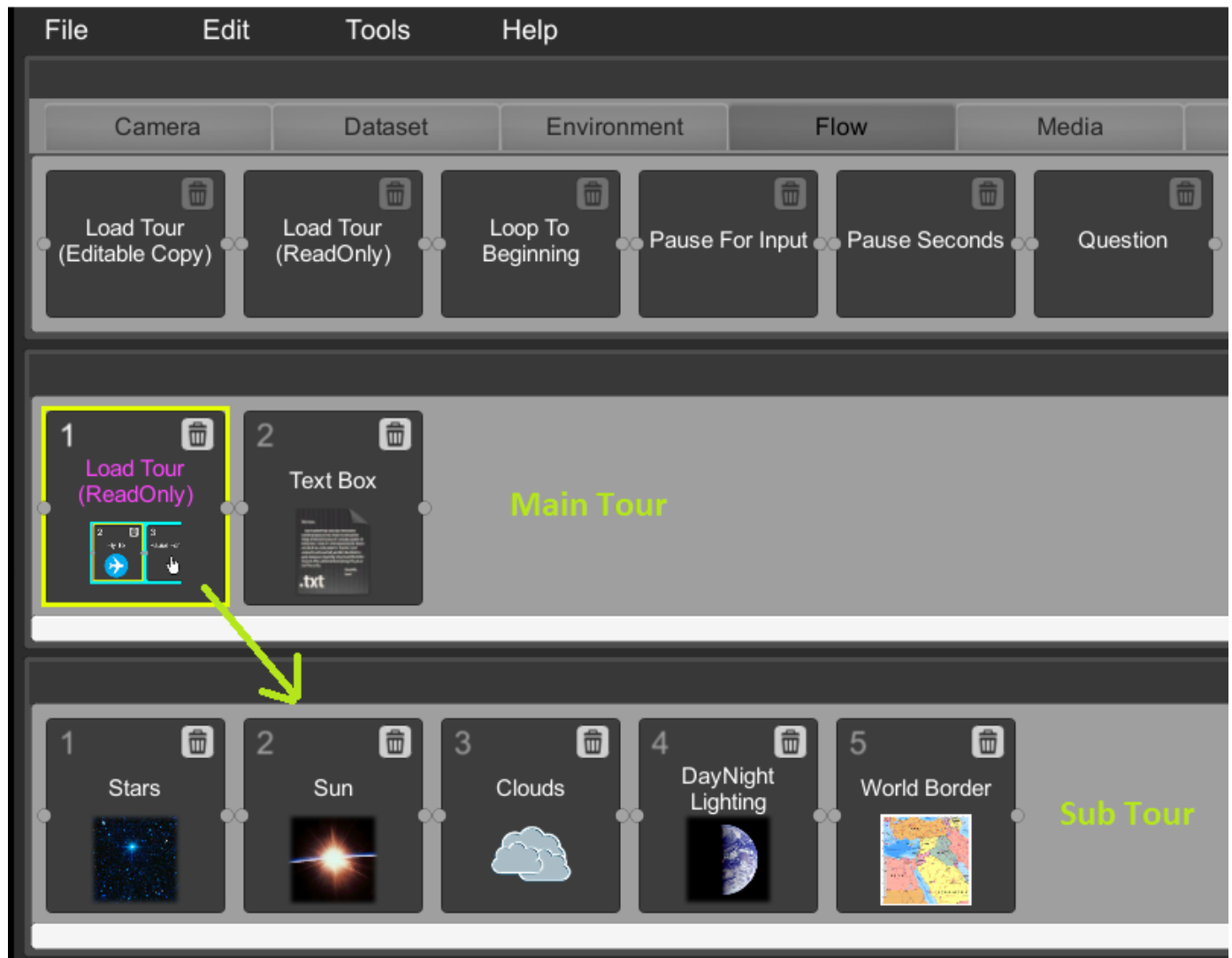
A complete list of the tasks and an explanation of each can be found here:

[https://sos.noaa.gov/media/cms/sosx/tour\\_task\\_reference\\_guide\\_1.4.pdf](https://sos.noaa.gov/media/cms/sosx/tour_task_reference_guide_1.4.pdf)


Once tasks are on the timeline, you can drag them around to reorder them. To delete a task from the timeline, click the little trash can icon.

You can organize a big tour into smaller “sub tours”. For example, perhaps you have 5 tour tasks that you always want at the start of any tour you create. You could create this 5 task tour in Tour Builder, save it, and then whenever you create a new tour, just include this 5 task tour with a single “Load Tour (ReadOnly)” task:

 TourBuilder



Some tasks, such as Text Box, require you to provide additional information below. Just fill out the pertinent information. For example, to show a text box with the caption “My new tour!”, enter the following:

 TourBuilder

File Edit Tools Help

Camera Dataset Environment Flow Media Resources

Load Tour (Editable Copy) Load Tour (ReadOnly) Loop To Beginning Pause For Input Pause Seconds Question

1 Load Tour (ReadOnly) 2 Text Box

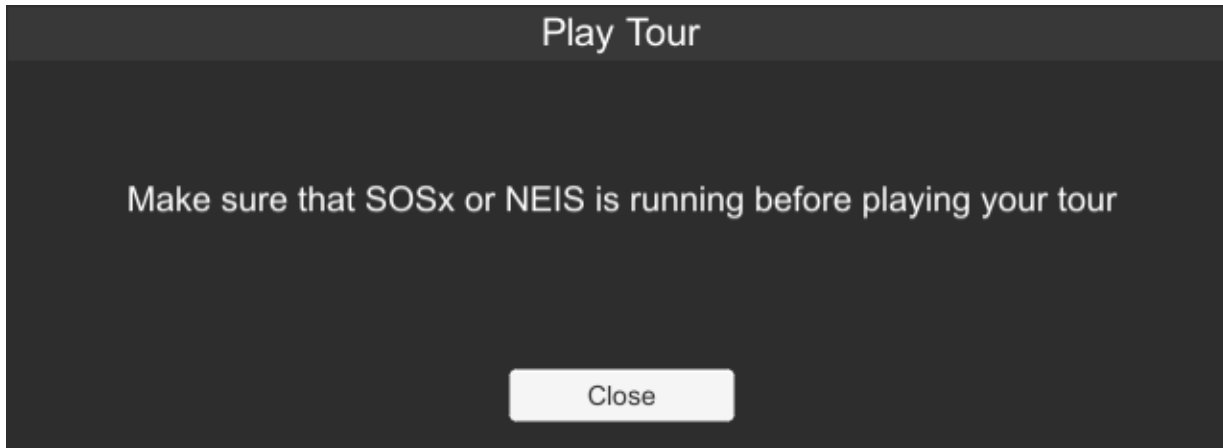
Hint: Su  
To create a new Sub Tour

Attribute	Type	Value
Text Box ID	Text	textbox1
Caption	Text	My new tour!
CaptionPos	Text	center
CaptionBestFit	True/False	True
FontSize	Integer	20
FontColor	Text	white
IsClosable	True/False	False
X Position (%)	Decimal Number	50
Y Position (%)	Decimal Number	50
Width (%)	Decimal Number	40
Height (%)	Decimal Number	30
ShowBorder	True/False	True

## Play Your Tour in SOSx

To play your tour in SOSx, go to File → Play From Start or File → Play From Task #. You would choose the later option, for example, if your tour has 100 tasks and you want to test tasks starting at task 80 and beyond (without having to go through all 100 tasks in SOSx).

You'll see a window reminding you to launch SOSx:



When you click the Close button (and if SOSx is running on your computer), your tour will immediately run. This is a helpful feature when you are working on a tour and want to test your progress.

## Additional Information

Select "Manual and Tutorials" from the Help Menu for additional information about running Tour Builder:

